

METHOD OF MAKING BRAKE DISCS AND ROTORS WITH OPEN SLOTS AND BRAKE DISCS AND ROTORS MADE THEREWITH

Abstract

The present invention broadly comprises a brake disc having superior cooling characteristics and a method for manufacturing brake discs with superior cooling characteristics. The brake disc has at least one slot arranged at an angle greater than zero degrees and less than ninety degrees with respect to a radius of said disc passing through said slot. The angle can be selected to enhance cooling under specified conditions. Slots in the disc can open to an inner or outer perimeter of the disc or may be fully enclosed within the disc. The shape and width of the slots and the spacing between the slots can be selected to enhance cooling properties of the disc.